

Remarks

Upon entry of the foregoing amendment, claims 1-7 and 9-10 are pending in the application, with claims 1, 5, 9, and 10 being the independent claims. Claims 1, 5, 9, and 10 are sought to be amended to further clarify the invention. These changes are believed to introduce no new matter, and their entry is respectfully requested. Based on the above amendment and the following remarks, Applicant respectfully requests that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

Rejections Under 35 U.S.C. § 102

Claims 5-7 and 9-10 stand rejected under 35 U.S.C. § 102(b) as allegedly being anticipated by Behzad. (e.g. FIG. 14)

Claim 5 has been amended to clarify that:

wherein the switches in each particular column of the matrix are arranged in parallel with the other switches in the particular column, having their respective inputs directly coupled together, and their respective outputs directly coupled together...

(See, Claim 5, *emphasis added*)

In other words, in Applicants' invention, the switches in a particular column of the matrix are *parallel connected*. Applicants assert that it is clear that Behzad does not include the *italicized claim features* mentioned above. Specifically, the switches in each column of Behzad (FIG. 14) are connected *in-series* with each other. For example, switches U1405 and U1407 in the first column of FIG. 14 of Behzad are series connected, as the drain of U1407 is connected to the source of U1405. (See, Behzad, FIG. 14) Further, the inputs and outputs of the switches *are not* connected *directly coupled together*, as recited in Applicant's claim 5.

Accordingly, claim 5 is not anticipated by Behzad for at least the reasons mentioned above, in addition to other patentable features of claim 5. Independent claims 9 and 10 have been amended in a similar fashion. Accordingly, Applicants assert that Behzad does not teach each and every feature of amended independent claims 5, 9, and 10, and therefore does not anticipate these claims.

Based on the discussion above, Applicants request that the rejection of independent claims 5, 9 and 10 under 35 U.S.C. § 102 be removed and that these claims be passed to allowance. Claims 6-7 are patentable for being dependent on an allowable base claim 5, in addition their own patentable features.

Rejections Under 35 U.S.C. § 103

Claims 1-4 stand rejected under 35 U.S.C. § 103 as allegedly being unpatentable over Behzad in view of Applicants' admitted prior art (AAPA). Applicants traverse this rejection below.

Claim 1 has been amended to include the *italicized features* mentioned above. As discussed above, Behzad does not teach or suggest the *italicized features* for the reasons mentioned above. Applicants' AAPA does not cure the defects of Behzad, nor does the Office Action suggest this. Accordingly, Applicants' independent claim 1 is allowable over Behzad in view of AAPA for the reasons mentioned above. Claims 2-4 depend directly or indirectly from claim 1 and therefore are also allowable over Behzad in view of AAPA.

Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

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